

EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	71.3 S.F.	
1 EACH		ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, US 29, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
1 EACH		ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, US 29, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
1 EACH		ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, US 29, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
1 EACH		ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, US 29, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2002	1 C.Y.	TEST PIT EXCAVATION
8011	46 EACH	F & I 12" VEHICULAR BLACK FACED TRAFFIC SIGNAL HEAD SECTION
8019	6 EACH	F & I 8" VEHICULAR BLACK FACED TRAFFIC SIGNAL HEAD SECTION
8048	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8076	71.3 S.F.	INSTALL THE GROUND MOUNTED SIGN
8087	540 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG)

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
		ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. RALEIGH MEDLEY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304

MR. AUGIE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (301) 513-7350

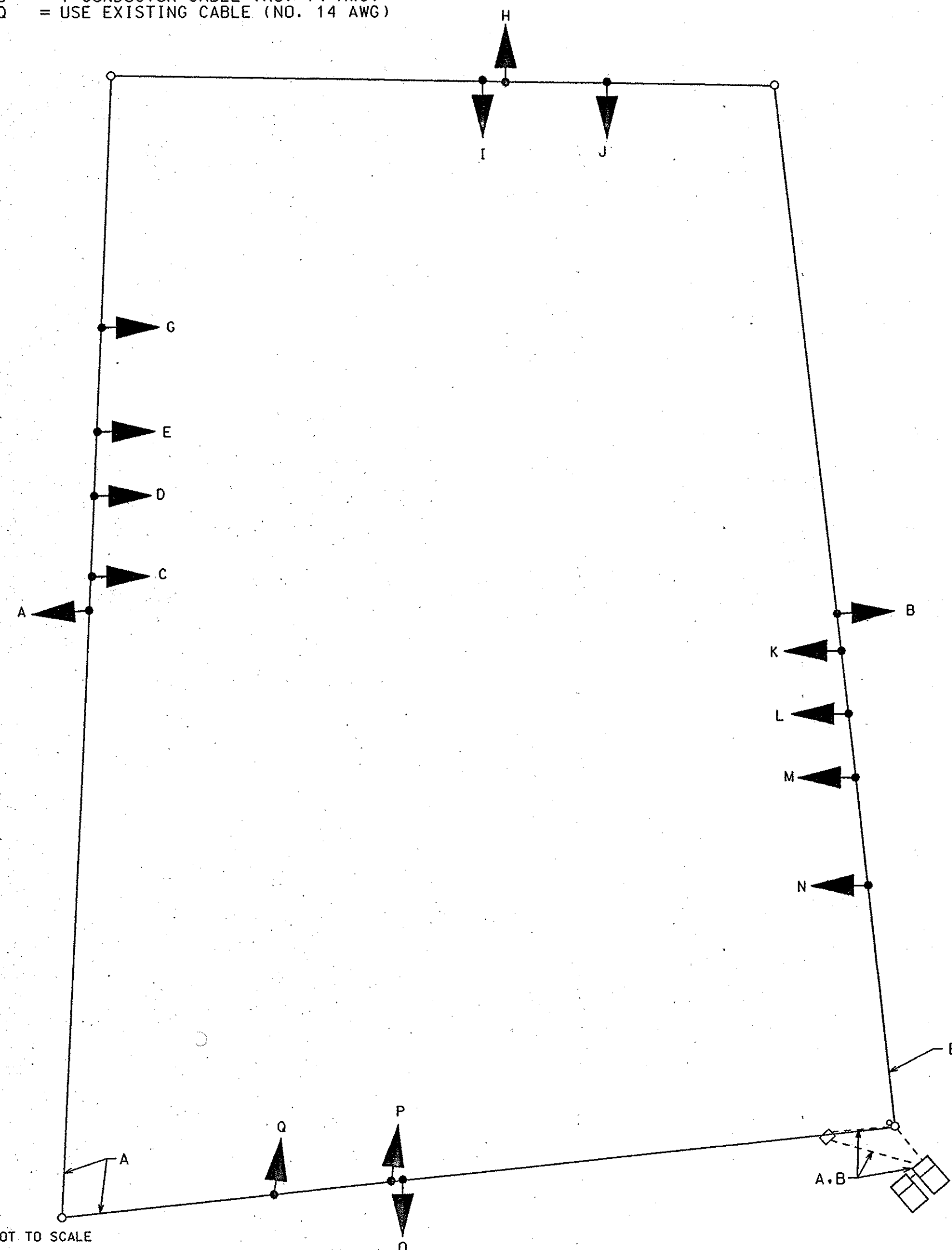
MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

WIRING DIAGRAM

A-B = 7-CONDUCTOR CABLE (NO. 14 AWG)
C-Q = USE EXISTING CABLE (NO. 14 AWG)



PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT IS TO REPLACE ALL THE SIGNAL HEADS WITH BLACK FACES.
US 29 IS TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION IS EQUIPPED WITH A EIGHT PHASE CONTROLLER HOUSED
IN A BASE MOUNTED CABINET. IT WILL USE SIX PHASES OUT OF EIGHT.

PHASE CHART

THERE IS NO CHANGE IN THE PHASE CHART

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION			
Office of Traffic & Safety			
TRAFFIC ENGINEERING DESIGN DIVISION			
US 29 and Briggs Chaney Road			
CLOVERLY, MARYLAND			
DRAWN BY: William M. M. M.	F.A.P. NO. 10105-285	T.S. NO. TS-1485 B	SHEET NO.
CHECKED BY:	S.H.A. NO. 10105-285	COUNTY MONTGOMERY	T.I.M.S. NO. E914
SCALE: AS NOTED	LOG MILE 15002908.31		2 OF 2
DATE: 04/2002			